

Converting Colors

Hex(F50A33)

Have a look what the booklet for
Hex(F50A33) contains.

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Color

Hex(F50A33)

Conversions

Conversions Part 1

Format	Color
Hex	F50A33
RGB	245, 10, 51
RGB Percent	96%, 4%, 20%
CMY	0.0392, 0.9608, 0.8000
CMYK	0.00, 0.96, 0.79, 0.04
HSL	350°, 92%, 50%
HSV	350°, 96%, 96%
XYZ	38.3623, 19.8686, 4.9451
YIQ	84.9390, 126.8990, 62.5710

Conversions

Conversions Part 2

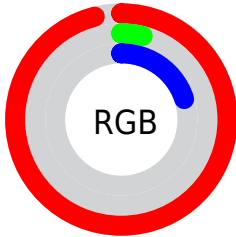
Format	Color
R_{YB}	245, 10, 51
Decimal	16058931
CIE Lab	51.69, 77.75, 45.35
CIE LCh	52, 90.007, 30.253
Yxy	19.8686, 0.6072, 0.3145
Android (android.graphics.Color)	4294249011 (0xFFFF50A33)
YUV	84.9390, -16.7319, 140.3735
Hunter-Lab	44.5742, 75.6192, 24.6243

Details

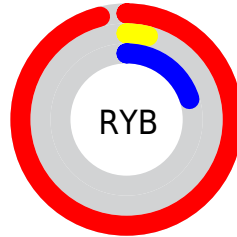
The Hex color **F50A33** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0AF5CC**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6162**, and **B30008** is the 20% darker color. If you saturate the color by 10%, you get **F5002B**, and if you desaturate by 10%, it is **F52247**.

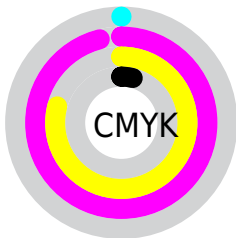
Distribution



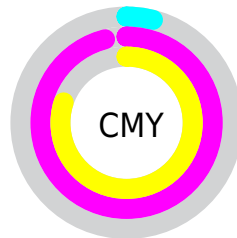
- Red (96%)
- Green (4%)
- Blue (20%)



- Red (96%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (96%)
- Yellow (79%)
- Black (4%)



- Cyan (4%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F50A33 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F50A33 by changing the saturation by 10% instead.

 F50A33

 F50A33

FFFFFF

 D4001D

 FF6162

 B30008

 FF807B

 920000

 FF9E95

 720002

 FFBCB0

 530004

 FFDBCC

 330002

 FFF9E8

 000000

 F50A33

 F50A33

 F5002B

 F52247

 F53B5B

 F55470

 F56C84

 F58498

 F59DAC

 F5B6C1

 F5CED5

 F5E7E9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FA007E



F50A33



D05600

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F50A33



009624



0086FF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F50A33



0AF5CC

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0096FF



F50A33



009A7A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F50A33



458C00



009AC8



6866FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F50A33



AB6F00



009AC8



008DFF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F50A33



FFB5C2



CA0AF5



80535B



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F50A33



FF002C



F5540A



7A6E70



BA0020



3B000A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F50A33



FF002C



0AABF5



7A6E70



BA0020



3B000A

Previews

White Background



This preview shows how the Hex color F50A33 looks on a white background.

Color Contrast Check

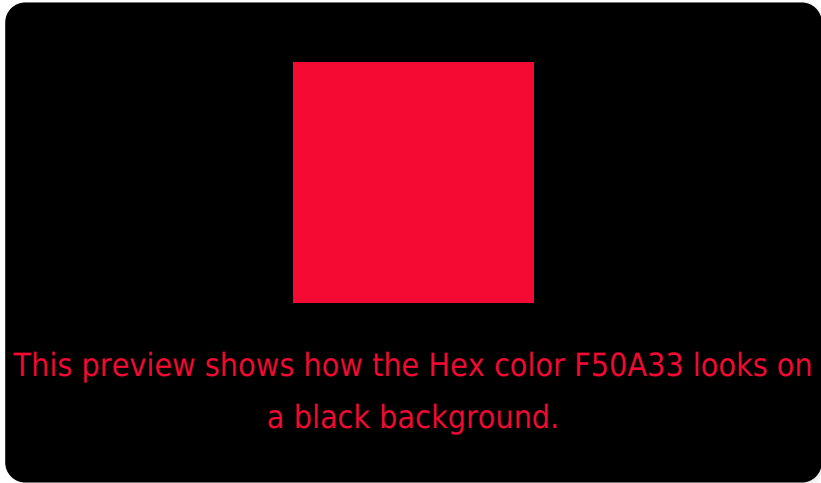
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F50A33 Background



This preview shows how black text looks on a background with the Hex color F50A33.



This preview shows how white text looks on a background with the Hex color F50A33.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
F50A33

Protanopia
877C4E

Deuteranopia
9C7622



Tritanopia
F4170B

Trichromacy



Original Color
F50A33

Protanomaly
AF5344

Deuteranomaly
BC4F28

Tritanomaly
F4121A

Monochromacy



Original Color
F50A33

Achromatopsia
555555

Achromatomaly
8F3A49

CSS Examples

Text

The CSS property to change the color of the text to Hex F50A33 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F50A33 looks like.

```
.text, #text, p{  
    color:#F50A33  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F50A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50A33
}
```

Border

The CSS property to change the border of an element to Hex F50A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F50A33 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F50A33 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F50A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50A33; -webkit-box-shadow:4px 4px  
4px 4px #F50A33; box-shadow:4px 4px 4px  
4px #F50A33 }
```

Background

The CSS property to change the background color of an element to Hex F50A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50A33 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F50A33 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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